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Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400 MAR 2 8 2006

P. 1 NO. 1337 PATENT APPLICATION

ATTORNEY DOCKET NO. ____ 10017899 -1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

inventor(s):

Manish Sharma

Confirmation No.: 1954

Application No.: 10/621125

Examiner: Tsai, HJcy

Filing Date:

Jul 16, 2003

Group Art Unit: 4440

Title:

Method Of Manufacture Of A Magneto Resistive Device

Amendment Mail Stop Amendment **Commissioner for Patents**

PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

This Information Disclosure Statement is submitted:

- under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)
- (X) under 37 CFR 1.97 (c) together with either a:

(X) Statement under 37 CFR 1.97(e), or

- () a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)
- () under 37 CFR 1.97 (d) together with a:
 - () Statement under 37 CFR 1.97(e)(1) or (2), and
 - () a \$180.00 fee set forth in 37 CFR 1.17(p). (Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of _\$0.00_ . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

- Applicant(s) submit herewith Form PTO 1449 Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- () A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

() I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit:

Manish Sharma

Respectfully submitted,

OR (X) I hereby certify that this paper is being

transmitted to the Patent and Trademark Office

facsimile number (571) 273-8300 on Mar 28, 2006

Number of pages:

Eileen Lehmann

Attorney/Agent for Applicant(s)

Reg. No. 39272

Date: Mar 28, 2006

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Eleen Lehman

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Fort Collins, Colorado 80527-2400

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NO. 1337 P. 2
PATENT APPLICATION

MAR 2 8 2006

ATTORNEY DOCKET NO. 10017899 -1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):

Manish Sharma

Confirmation No.: 1954

Application No.: 10/621125

Examiner: Tsai, HJey

Filing Date:

Jul 16, 2003

Group Art Unit: 1110 28/2

Title:

Method Of Manufacture Of A Magneto Resistive Device

Amendment

Mail Stop-Amendment-Commissioner for Patents PO Box 1450

Alexandria, VA 22313-1450

STATEMENT UNDER 37 CFR 1.97(e)

Sir:

The undersigned hereby certifies that either:

- (X) Each item of information contained in the Information Disclosure Statement was cited for the first time in a communication from a foreign patent office in a counterpart foreign application, not more than three months prior to the filing of the statement, or
- () No item of information contained in the Information Disclosure Statement
 - -- was cited in a communication from a foreign patent office in a counterpart foreign application, and
 - -- to the knowledge of the undersigned, after making reasonable inquiry, was known to any Individual designated in 37 CFR 1.56 (c) more than three months prior to the filing of the Information Disclosure Statement.

Respectfully submitted, Manish Sharma

Eleen Lehmann

Attorney/Agent for Applicant(s)

Reg. No. 39272

Date: Mar 28, 2006

Telephone No.: (650) 857-7940

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Substitute for form 1449/PTO	Application Number	10/621125	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)	Filing Date	July 16, 2003	
	First Named Inventor	Manish Sharma	
	Art Unit	1410- 28/2-	
	Examiner Name	Tsai, H Jeu	
Sheet 1 of	Attorney Docket Number		

Examiner initials*	No.'	Document Number	Number-Kind Code ^{2 (F Interior)}	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (F krose)}			
		^{US-} 5616218	04-01-1997	Alex et al	
		บร- 6103010	08-15-2000	Belouet et al	
		US- 2002054462	05-09-2002	Sun Jijun et al	
		^{US-} 2001024347	09-27-2001	Shimazawa Koji et al	
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Initials" No."		Foreign Patent Cocument	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
	Country Code ³ "Number * "Kind Code ⁶ (# known)	MM-DD-YYYY	Applicant or Cited Docsifient	Or Relevant Figures Appear	🎷	
		EP0410627	01-30-1991	Kabashiki - Kahushi	ki	
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*EXAMINER: Initial it reference considered, whether or not cliation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Applicant's unique citation dealgnation number (optional). *See Kinds Codes of USPTO Palent Documents at www.ueplo.nov or MPEP 901.04. *Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). *For Japanese patent documents at ineffection of the religion of the Engine must precede the serial number of the patent document. *Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. *Applicant is to place a check mark nere if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including galtering, preparing, and submitting the completed application from to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

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